

# PrintJet MINI

PrintJet MINI

3049980000



Marking system, user manual



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# 1 About this documentation

This user manual provides all the information you need for trouble-free operation of the PrintJet MINI printer (hereafter called printer or device). This user manual must be read, understood, and followed by members of staff before commencing work, maintenance tasks, cleaning, and troubleshooting at the printer. This applies, in particular, to any safety information.

After reading the user manual, you will be able to

- operate the printer safely,
- clean the printer correctly,
- take appropriate action in the event of a fault.

In addition to this user manual, it is necessary to comply with the general laws and other regulations concerning accident prevention and environmental protection in the country of use. This user manual is an integral part of the printer. It must be kept with the printer throughout its service life.

## 1.1 Overall documentation

The overall documentation includes the following documents:

- User manual PrintJet MINI
- Quick guide PrintJet MINI
- User manual M-Print® PRO

The documents and product downloads (e.g., M-Print® PRO software) can be downloaded from the online shop (<https://eshop.weidmueller.com>). The article page can be opened by entering the article name or article number in the search bar.

After clicking the "Product Downloads" button, the documents and product downloads associated with the article are displayed.

Alternatively, you can scan the QR code on the rating plate of the PrintJet MINI or on the enclosed quick guide. After entering the article number, all available downloads are displayed.

### Article numbers

- PrintJet MINI: 3049980000
- M-Print® PRO: 1905490000

## 1.2 Used symbols and signal words

The warnings in this documentation vary according to the danger category.

### DANGER

#### Danger of death

A warning with the signal word "**DANGER**" indicates a danger that will result in serious injury or death if not avoided.

### WARNING

#### Danger of death

A warning with the signal word "**WARNING**" indicates a danger that can result in serious injury or death if not avoided.

### CAUTION

#### Danger of injury

A warning with the signal word "**CAUTION**" indicates a danger that can result in injury if not avoided.

### ATTENTION

#### Danger of damage to property

A warning with the signal word "**ATTENTION**" indicates a danger that can result in damage to property if not avoided.

In the remaining text, further formatting is used, which has the following meaning:



Texts next to this arrow represent instructions which are not safety relevant but provide important information for correct and effective work.

- ▶ Instructions for action are indicated by a black triangle in front of the text.
- Lists are marked with dashes.

## 1.3 Warranty and liability

The obligations specified in the supply contract, the general and delivery terms and conditions of Weidmüller Interface GmbH & Co. KG, and the legal regulations in force at the time the contract was signed apply.

All the information and instructions in this user manual have been compiled in line with applicable standards and regulations, state-of-the-art technology, and our extensive knowledge and experience.

Warranty and liability claims for personal injury and damage to property are excluded if they are attributable to one or more of the following causes:

- Unintended or inappropriate use of the printer (see chapter 2.3 on page 8)
- Inappropriate installation, commissioning, operation, maintenance, and cleaning of the printer
- Operation of the printer with defective or incorrectly fitted printer enclosure
- Non-compliance with the user manual
- Deployment of non-instructed personnel
- Structural alterations to the printer (modifications or other alterations to the printer are prohibited. Non-compliance will result in the printer's EC Declaration of Conformity no longer being valid)
- Technical modifications
- Opening the printer enclosure
- Use of out-of-date ink cartridges
- Use of unapproved spare parts or spare parts that do not satisfy technical requirements
- Disasters, effects of extraneous elements, and force majeure

We reserve the right to make technical alterations in the course of further development and improvement of features.

## 1.4 Copyright

This user manual is protected by copyright and intended for internal use only.

Without the written consent of Weidmüller Interface GmbH & Co. KG, any use outside the limits of copyright law is prohibited. This applies in particular to copies and translations.

Contravention results in liability for damages. Further claims remain reserved.

## 1.5 Guarantee terms and conditions

The guarantee terms and conditions are contained in the general terms and conditions of Weidmüller Interface GmbH & Co. KG.

## 2 General safety information

### **WARNING**

#### **Failure to observe the safety information below may result in serious injuries!**

Risk to persons due to electrical and chemical hazards

- ▶ Read the safety information and warnings in this chapter thoroughly before putting the printer into operation.
- ▶ In addition to the information in this user manual, observe the applicable national work, operating, and safety regulations.
- ▶ Observe the applicable internal company regulations.

In the following cases, you must disconnect the printer from all sources of power and contact a qualified service technician:

- The power and connecting cable, power supply unit, or plug is worn or damaged.
- Liquid has entered the printer.
- The printer has fallen down or the enclosure has been damaged.
- The performance of the printer is not up to the required standard, e.g. poor print quality or insufficient resistance to smearing and scratching.

### **CAUTION**

#### **Danger of injury when the printer is open!**

Tampering with the printer when it is open may result in cuts and crush injuries.

- ▶ Never remove the printer enclosure.
- ▶ Have components inside the device replaced by a Weidmüller service technician.

### **ATTENTION**

#### **Damage to the device!**

The printer enclosure should not be removed. Removing the printer enclosure will result in the loss of any warranty rights.

- Make sure that all persons who work on the device have fully read and understood the user manual.
- Only use the printer for its intended purpose (see chapter 2.3 on page 8).
- Keep all safety information and warnings on the printer clean and legible; renew them, if necessary.
- Only instructed personnel should work on the device.
- Always keep the user manual with the product for future reference. It must be ensured that everyone involved with the device is able to view the user manual at any time.

## 2.1 General operating information

- When selecting the installation site for the printer, make sure that the ambient conditions are suitable (see chapter 9.1 on page 38).
- Make sure that openings in the printer enclosure are not blocked or covered.
- Do not turn off the printer!
- Do not turn off the printer! The printer automatically switches to standby mode. The operating parameters are only retained while the printer is turned on. These parameters ensure, for example, that the ink cartridge is cleaned optimally.
- Keep the service flap closed during operation.



Only use products that have been produced or approved by Weidmüller (M-Print® PRO marking software, MultiCards, and ink cartridge). Poor print quality, printer faults, and damage caused by the use of unapproved and unsuitable accessories and consumables are excluded from the warranty.

### 2.1.1 Handling the ink cartridge

- Keep the ink cartridge out of reach of children.
- The ink is not suitable for consumption. Do not allow ink to come into contact with the mucous membranes. If you accidentally swallow any ink, rinse out your mouth and drink plenty of water. Do not induce vomiting.
- Always handle the ink cartridge with care, otherwise ink could spill and cause soiling.
- Always handle the ink cartridge with care as a small amount of ink could remain on the nozzle plate. If you get ink on your skin, wash thoroughly with soap and water.
- Do not touch the nozzle plate of the ink cartridge under any circumstances.
- Do not disassemble or refill an ink cartridge.
- Store unopened ink cartridges in a cool, dry place, preferably in a refrigerator at approx. 4°C to 21°C.
- Remove the ink cartridge from the printer if the device will not be used for an extended period of time or is turned off overnight, for example.
- If the ink cartridge is stored temporarily, fit the supplied protective cap onto the nozzle plate to prevent the ink from drying out.
- Do not use out-of-date ink cartridges.
- When the use-by date of the ink approaches (printed on the packaging), a message is displayed on the touch panel. Use all the ink in the ink cartridge by the date stated on the label to achieve the best print results.

#### ATTENTION

##### Damage to the device due to old ink!

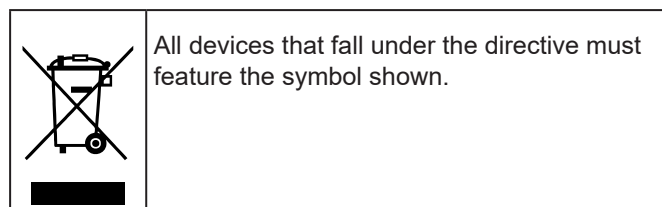
Using out-of-date ink may result in poorer print quality and durability.

### 2.2 Recycling in accordance with WEEE

Products marked with this symbol are subject to Directive: 2012/19/EU: Take-back and recycling of electrical and electronic equipment

The products contain substances that can be dangerous to the environment and health. Therefore, do not dispose of the products in unsorted municipal waste.

You can return the products to Weidmüller at the end of their life cycle; we will then ensure that they are disposed of properly. Send the products properly packed to your sales agent.



## 2.3 Intended use

In conjunction with the M-Print® PRO marking software, the printer is designed for marking MultiCards in commercial and industrial applications.

Any other use is prohibited. Using the printer in unapproved applications will immediately lead to the expiration of all guarantee and warranty claims on the part of the operator against the manufacturer.

Using the printer for purposes other than those specified or failure to observe the operating instructions and warnings can lead to serious malfunctioning, personal injury, or damage to property.

Only use the M-Print® PRO marking software, MultiCards, and inks which have been approved for this marking system by Weidmüller.

Weidmüller can make no guarantee for the print quality and durability when a different marking software and other MultiCards and inks are used.

Claims of any kind for personal injury or damage to property arising from unintended use are ruled out. The operator alone is liable for any injury or damage attributable to unintended use.

Intended use also includes:

- Heeding all information in the user manual
- Complying with the operating and maintenance conditions.

### Structural modifications to the device

Construction and acceptance are based on the German Product Safety Act (ProdSG). Never modify the printer. Non-compliance will invalidate the printer's EC Declaration of Conformity. Such a breach absolves the manufacturer of the printer from warranty.

Have any defective components of the printer replaced immediately by a Weidmüller service technician.

## 2.4 Residual risks when using the device

The device has a state-of-the-art design and complies with recognized safety rules and regulations. However, impairments can still arise when using the device.

Only use the device for its intended purpose.

When using the device, observe the warnings on the device and the safety information in this user manual.

### 2.4.1 Hazards due to electricity

#### **DANGER**

#### **Warning of electrical hazard!**

Touching live parts is a direct risk to life. Damage to the insulation or individual components may result in fatal injury.

- ▶ Work on the printer's electrical components may only be carried out by electrical specialists.
- ▶ Only connect the device to a properly grounded and fused socket.
- ▶ Do not connect the printer to either a switch-operated or a timer-controlled socket.
- ▶ Never use damaged power cables.
- ▶ Have the printer's electrical components regularly inspected for defects, such as loose connections or damage to the insulation.
- ▶ If damage is detected, immediately switch off the power supply to the printer and have the damage repaired.
- ▶ Have all connecting cables and plugs inspected by an electrical specialist at least every 6 months!
- ▶ Do not disassemble the power supply unit if it is defective. Please ask Weidmüller for a suitable spare part.
- ▶ When connecting the printer using an extension cable, make sure that the rated current value does not exceed the ampere rating of the extension cable.
- ▶ Keep moisture away from live parts as it can cause short circuits. Pay particular attention to this when cleaning the printer.
- ▶ Modifications to the electrical equipment carried out after testing must comply with DIN EN 60204-1.

### 2.4.2 Danger due to incorrect spare parts

#### **ATTENTION**

#### **Damage due to incorrect or faulty spare parts!**

Incorrect or faulty spare parts may cause damage, malfunctions, or total failure.

Use original spare parts only.

Obtain the spare parts from Weidmüller Interface GmbH & Co. KG. The necessary details about spare parts are given in chapter 9.2 on page 39.

## 2.5 Safety devices and guards

The printer is equipped with the following safety devices:

- Service flap (for ink collector and ink cartridge)
- 24 V power supply unit, incl. power cable



The printer may not be operated without the printer enclosure. The printer enclosure should not be removed.

## 2.6 Personnel requirements

Only instructed personnel should operate the printer and perform maintenance tasks. Instruction also means that the user manual has been read fully.



Repairs may only be carried out after consultation with Weidmüller Service and only by an electrical specialist.

### 2.6.1 Qualifications required by personnel

The responsibilities of personnel for commissioning, operation, maintenance, and cleaning must be clearly defined.

Personnel require the following qualifications for the various activities:

#### Instructed skilled personnel

Instructed skilled personnel are able to do their work and recognize/avoid potential hazards on their own as a result of their training, knowledge, and experience, as well as their familiarity with the relevant regulations.

#### Electrical specialists

Electrical specialists are able to work independently on electrical devices and recognize/avoid potential hazards as a result of their training, knowledge, and experience, as well as their familiarity with the relevant standards and regulations.

Electrical specialists have been trained for their specific task and know the relevant standards and regulations.

### 3 Printer description

Combined with the M-Print® PRO marking software, the ink-jet printer PrintJet MINI is a marking system for MultiCards.

Individual equipment can be marked with the marking system. The printer labels markers in MultiCard format for switchgear, automatic machines, terminal blocks, cables, lines, and valves. The PrintJet MINI allows you to print very small fonts. Even the smallest characters are easy to read, permitting you to increase the markers' information density.

The MultiCards are fed individually via an insertion drawer.

The fed MultiCard is printed by the printing unit with UV-curing ink and then cured using UV radiation.

Finally, the MultiCard is removed from the device via the insertion drawer.

The marked MultiCard can then be removed.

The MultiCard can be used immediately.

## 3.1 Printer

### 3.1.1 Overviews

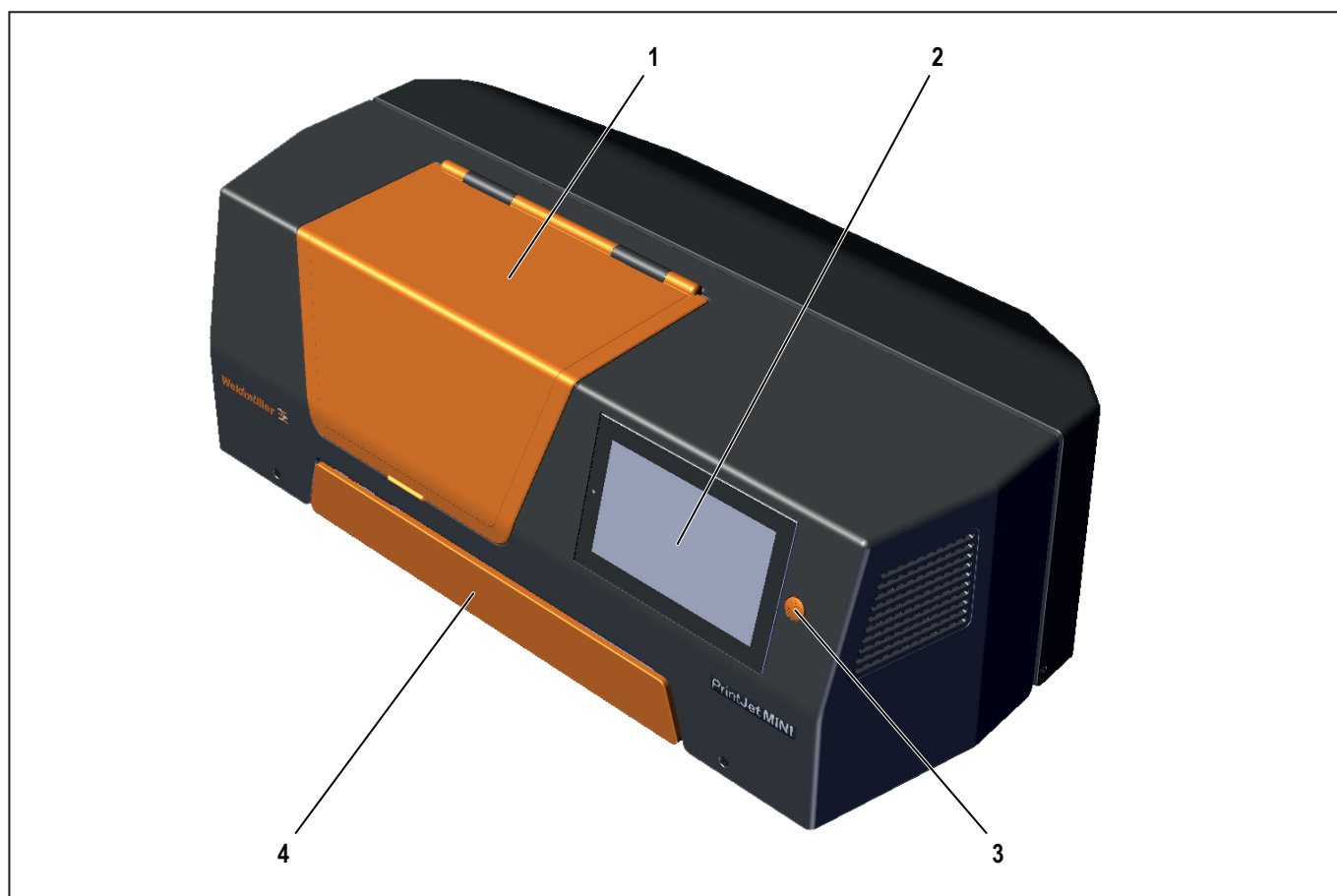


Figure 3.1 Printer view - front

- 1 Service flap (for ink collector and ink cartridge)
- 2 Touch panel
- 3 On/Off button
- 4 Flap for insertion drawer (for MultiCard)



Figure 3.2 Printer view - rear

- 1 Connections
- 2 Rating plate

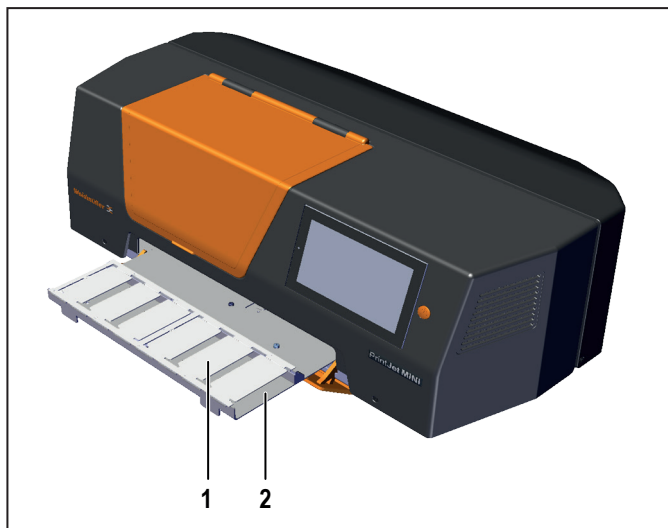


Figure 3.3 Insertion drawer (open)

- 1 Insertion drawer (open)
- 2 MultiCard

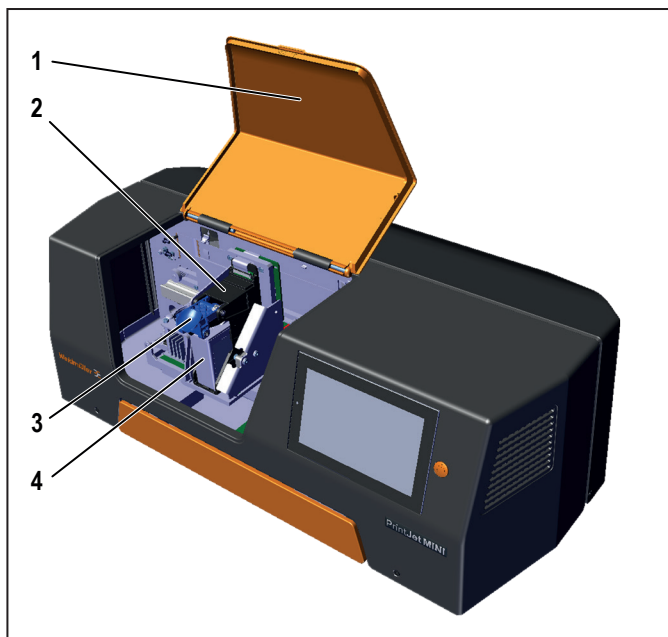


Figure 3.4 Service flap (open)

- 1 Service flap (open)
- 2 Printing unit, incl. holder for the ink cartridge
- 3 Lock
- 4 Ink cartridge

### 3.1.2 Connections

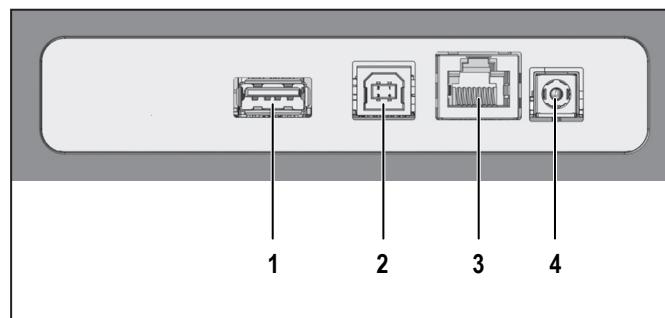


Figure 3.5 Connections

- 1 USB-A connector for USB stick
- 2 USB-B connector printer/PC
- 3 Ethernet port (LAN connection)
- 4 Connection for mains plug (24 V)

### 3.1.3 Rating plate

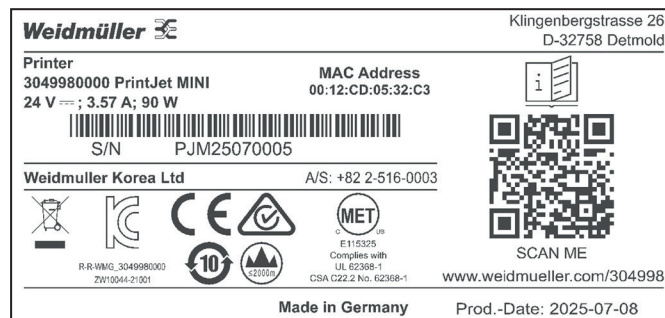


Figure 3.6 Rating plate

The rating plate contains information about the mains voltage, rating number, serial number, and MAC address (address of the network card).

### 3.2 Touch panel

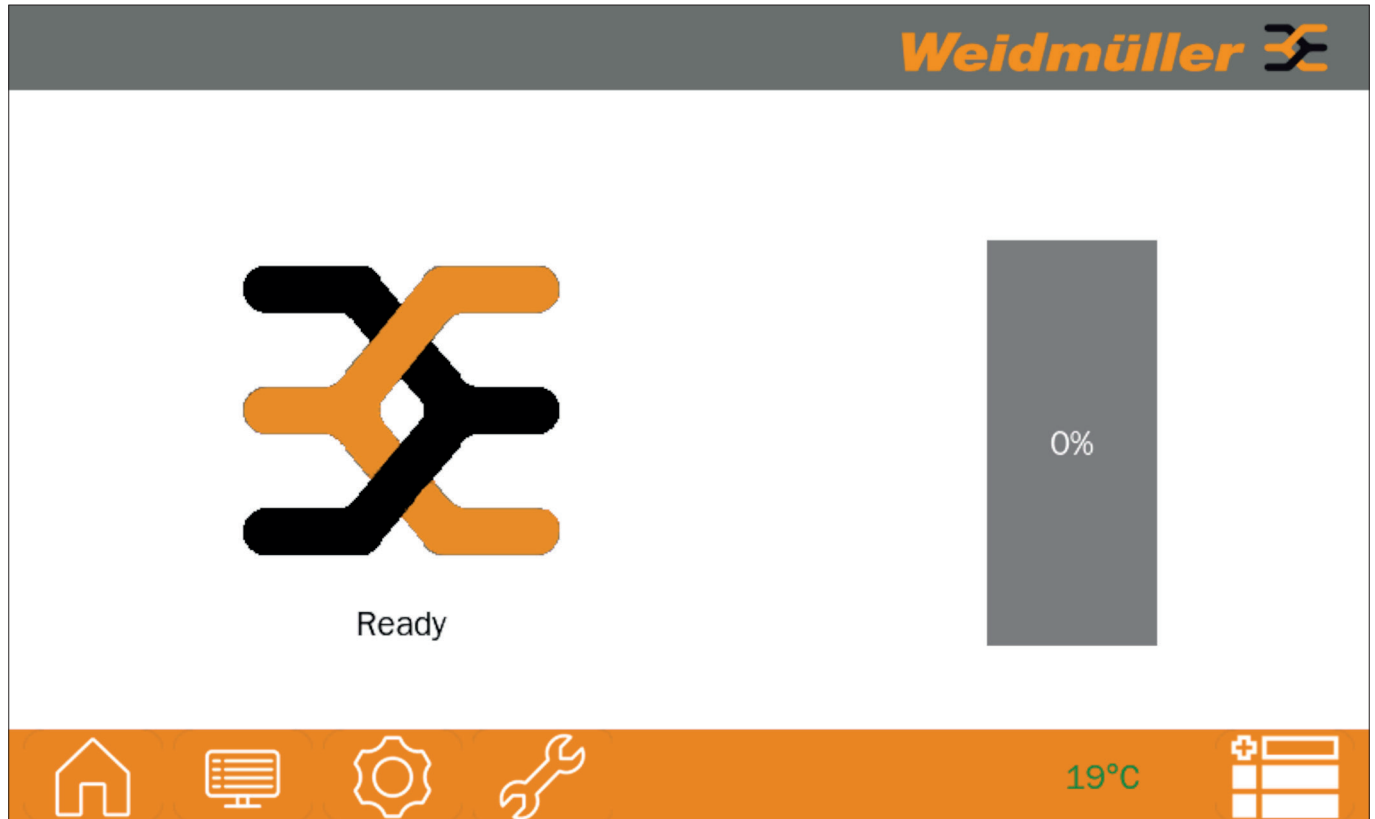








Figure 3.7 Start screen (main menu "System status")

Symbol	Main menu/ Function	Description
	System status	Displays the current printer status: Readiness and ink level of the ink cartridge
	Jobs	Shows further functions and the available submenus: Print preview, Start print job, Delete print job, Open/close insertion drawer, USB stick print jobs, Display next/previous print job
	Options	Shows the available submenus: Settings, Service, System information, Language
	Move printing unit to maintenance position	Moves the printing unit with ink cartridge to a maintenance position. In this position, the ink cartridge and ink collector can be inserted and removed.
	Temperature display	Displays the current temperature of the device in °C.
	Message history	Shows the current and most recent messages (e.g., ink cartridge empty, service door open).

### 3.2.1 Main menu "Jobs"

A print preview for the selected print job is visible in this main menu.

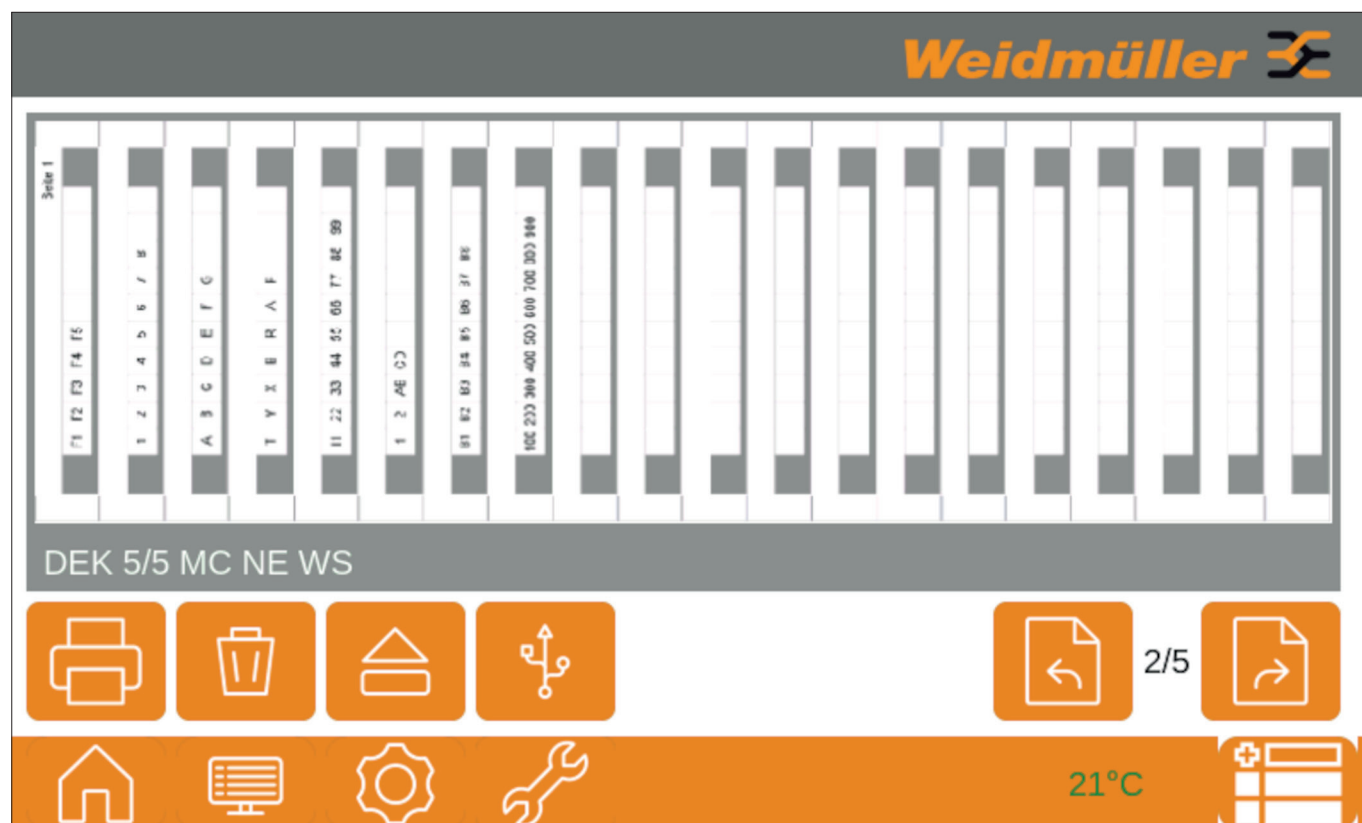








Figure 3.8 Main menu "Jobs"

Symbol	Function	Description
	Start print job	Starts the currently selected print job. After pressing the button, the insertion drawer extends and a dialog box opens to confirm the inserted MultiCard.
	Delete print job	Opens a dialog box to delete the print job. Confirming the dialog box will delete the currently selected print job. In addition, it is also possible to delete all print jobs.
	Open/close insertion drawer	Opens/closes the insertion drawer.
	USB stick print jobs	Opens a dialog box to select print jobs that are stored on a USB stick and can be executed.
	Previous print job	Selects the previous print job. The selected print job is displayed in the print preview.
	Next print job	Selects the next print job. The selected print job is displayed in the print preview.

### 3.2.2 Main menu "Options"

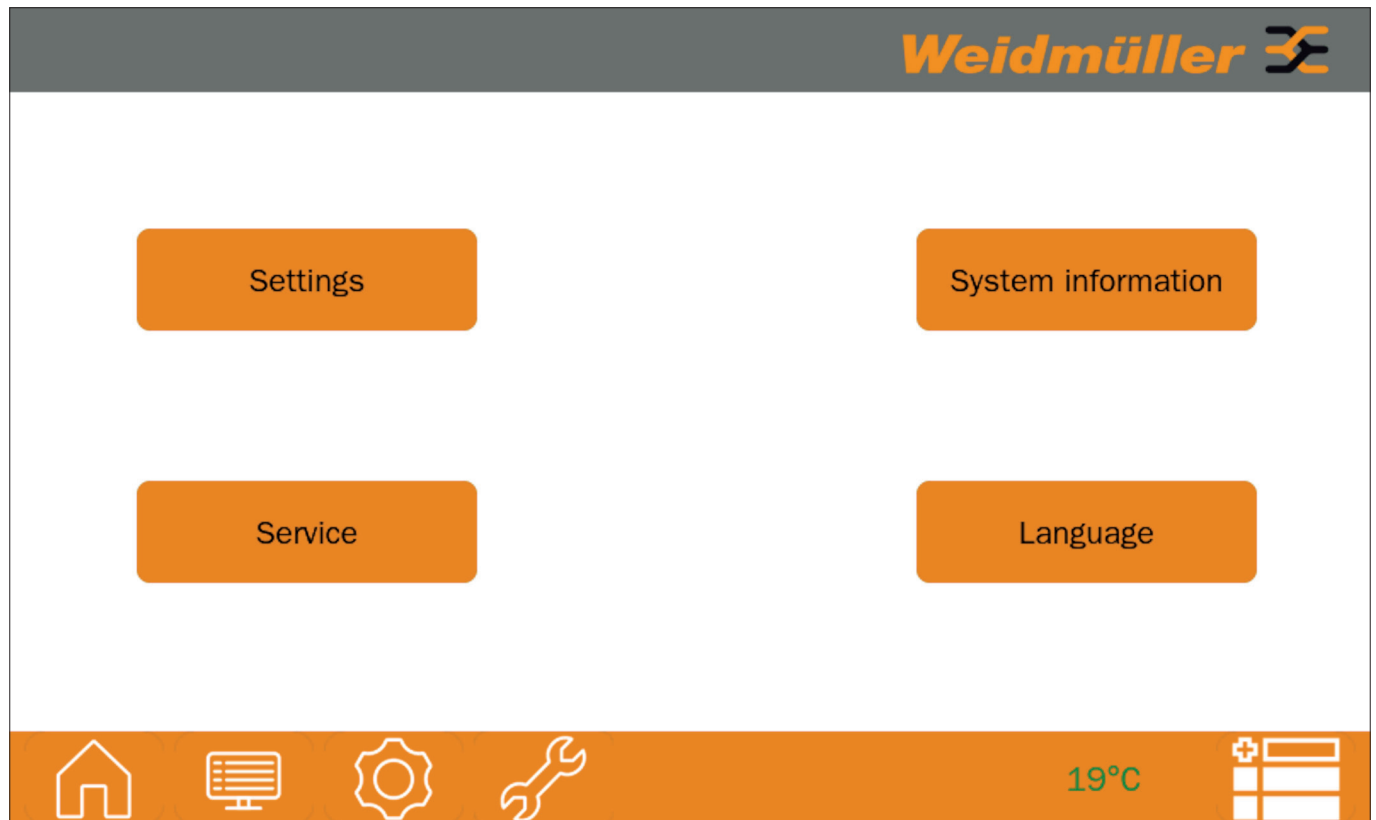






Figure 3.9 Main menu "Options"

Submenu	Description
Settings	Enables settings related to the IP address, printer name, port, or delete functions for print jobs.
Service	Shows the available submenus: Access for service technicians, nozzle check, and a firmware update
System information	This submenu displays system information such as firmware, serial number, ink level of the ink cartridge and of the ink collector. In addition, license information can be retrieved here.
Language	In this submenu, the language of the user interface can be set.

### 3.2.3 Function elements of the user interface

Symbol	Name	Description
	Confirm	Confirms the change made.
	Discard	Discards the change made / closes the current dialog box.
	Save	Saves the setting.
	Delete all	Deletes all print jobs.

### 3.2.4 Description of the MultiCard

The printer can be used to print on plastic MultiCards.

The marking system, consisting of the PrintJet **MINI** printer and the M-Print® PRO marking software, has been designed by Weidmüller for MultiCards.

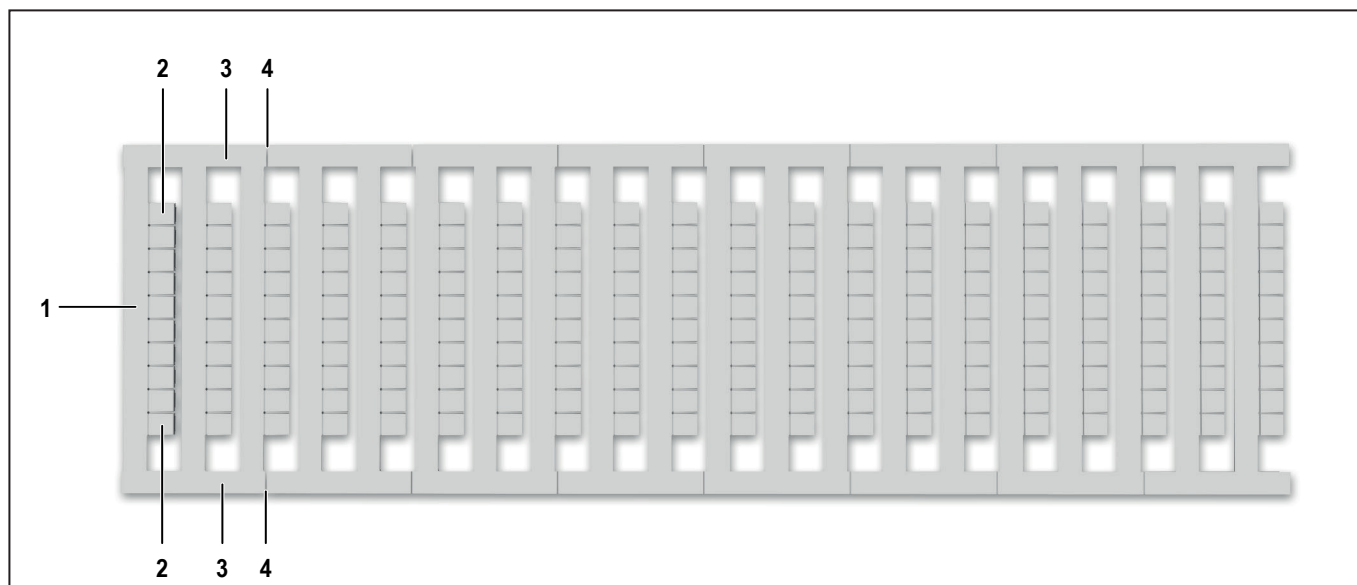


Figure 3.10 Description of the MultiCard

- 1 First project marker surface
- 2 Marker area
- 3 Side strip
- 4 Predetermined breaking point

The MultiCards can only be inserted and printed individually in the retainer of the insertion drawer.

MultiCards can be divided into individual segments using predetermined breaking points. These segments and their markers can also be printed individually.

- To print a single segment, break the MultiCard at the designated breaking point and insert the segment into the retainer tray with the left edge aligned (see 5.2 on page 25).

# 4 Setup

## 4.1 Unpacking

### ATTENTION

#### Damage to property!

If transported improperly, ink may leak and soil or damage the device.

- ▶ Do not transport the printer upside down.

- ▶ Open the transport packaging.
- ▶ Take out all the accessories.
- ▶ Remove the printer with the polystyrene packaging material from the box.
- ▶ Remove the polystyrene packaging material.



Keep the original packaging for any future transport.

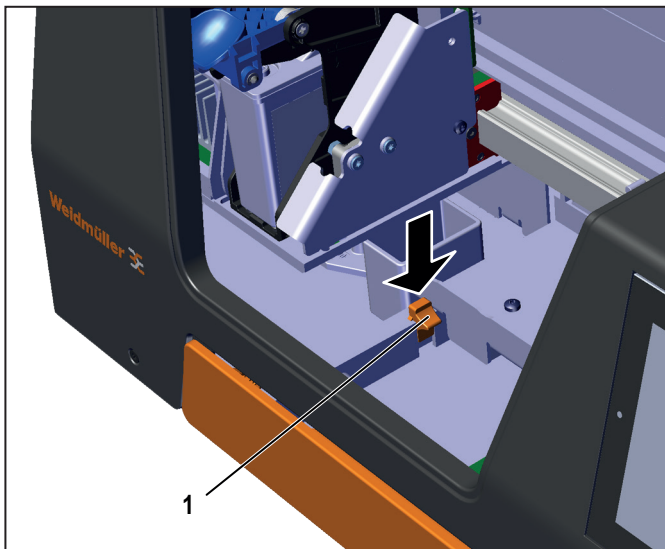


Figure 4.1 Pressing down the transport restraint

- ▶ Open the service flap.
- ▶ Press the orange transport restraint (1) downward.

## 4.2 Scope of supply

When you have taken the printer and all the accessories out of the packaging, make sure that the delivery is complete:

- PrintJet **MINI**
- Ink cartridge
- Ink collector
- Power supply unit with power and connecting cable
- USB cable
- LAN cable
- 1x packaging MultiCard DEK 5/5
- Quick guide for downloading the M-Print® PRO marking software and the user manual

The ink cartridge is supplied separately and is not installed in the printer.

## 4.3 Installing the printer

### ATTENTION

#### Damage to property!

- ▶ Do not use the printer near potential electromagnetic interference fields, such as speakers or base stations of cordless phones. They can negatively affect correct functionality of the printer.
- ▶ Place the printer on a flat, stable surface. The printer will not operate properly if it is tilted or at an angle.
- ▶ Avoid locations where the printer is exposed to great fluctuations in temperature and humidity, direct sunlight, strong exposure to light, excessive heat, and high dust levels.
- ▶ Avoid locations that are subject to impact shocks or vibrations. Avoid transmission of vibrations.



Observe the necessary operating and maintenance intervals.

- ▶ Place the printer on a surface that extends beyond the base area of the printer on all sides.
- ▶ Leave enough space in front of the printer's insertion drawer.
- ▶ Ensure a sufficient supply of air around the printer.

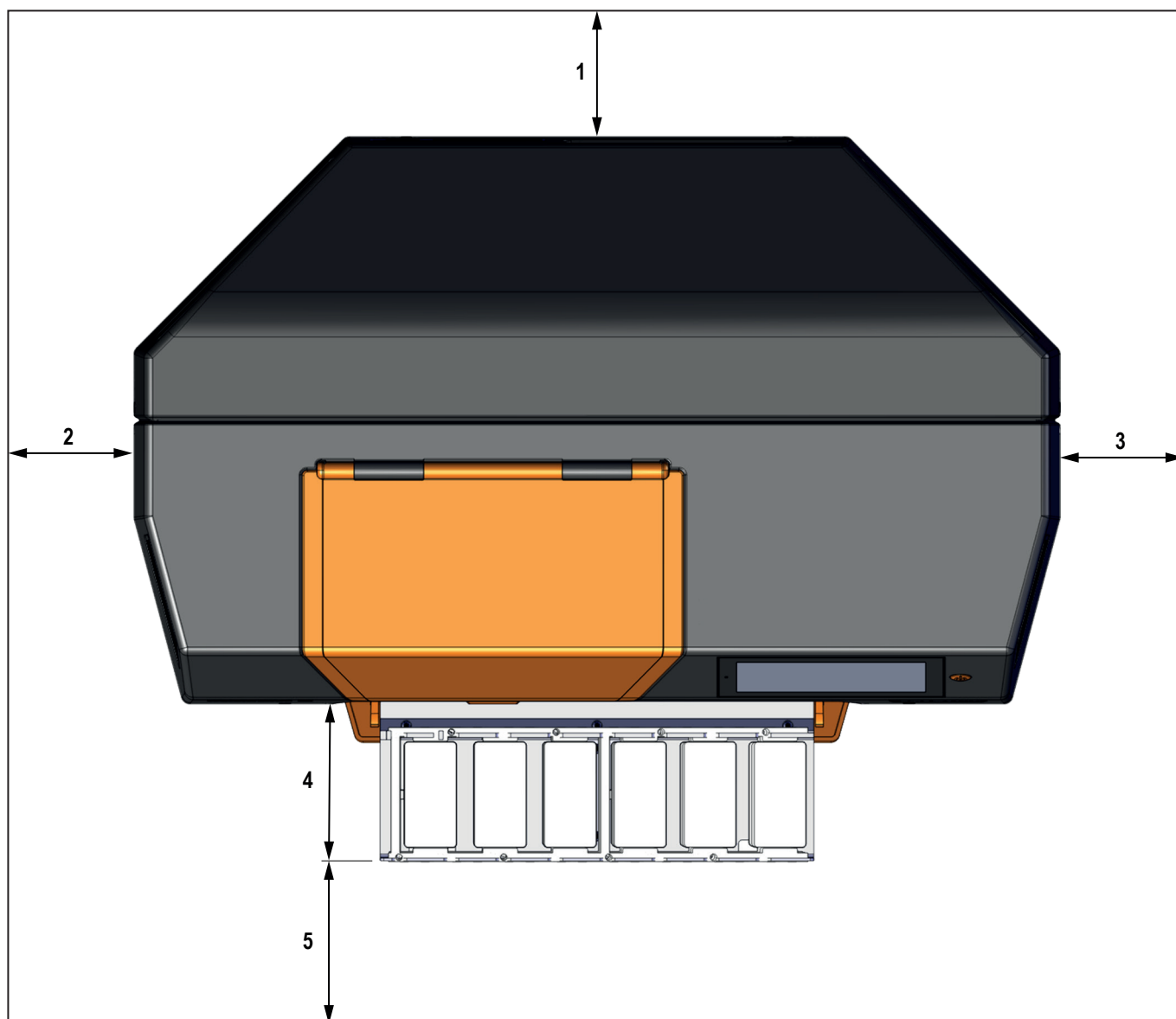


Figure 4.2 Operating and maintenance intervals

- 1 100 mm
- 2 100 mm
- 3 100 mm
- 4 90 mm
- 5 100 mm

## 4.4 Connecting the printer

### **DANGER**

#### Warning of electrical hazard!

- ▶ Make sure that the mains voltage used corresponds to the mains voltage indicated on the power supply unit's rating plate.
- ▶ Only connect the printer to a properly grounded and separately fused socket.
- ▶ Do **not** connect the printer to either a switch-operated or a timer-controlled socket.
- ▶ When using an extension cable, make sure that the rated current value of the printer does not exceed the ampere rating of the extension cable.
- ▶ When connecting the printer to the power supply, make sure that the building installation is protected with an appropriate fuse.

### **DANGER**

#### Warning of electric shock and fire hazard due to damaged power and connecting cable and power supply unit!

- ▶ Make sure that the power and connecting cable and the power supply unit are undamaged.
- ▶ Leave the power and connecting cable and the power supply unit in their original condition.
- ▶ Do not place any objects on the power and connecting cable and the power supply unit.
- ▶ Make sure that there are no kinks or bending points along the cable.
- ▶ Do not pull the plug out of the socket by the cable.

### 4.4.1 Wired connection

The printer can be connected to the PC via the USB cable or to the local network via the network cable.

- ▶ Connect the printer to a nearby socket.
- ▶ Make sure that the socket is easily accessible.
- ▶ Make sure that the plugs are fully inserted into the connection socket of the printer and into the socket.
- ▶ Lay the cables so that there are no tripping hazards.



Do not connect the USB cable until you have installed the M-Print® PRO marking software.

## 4.5 Turning on the printer

- ▶ Turn on the printer by pressing the On/Off button (see chapter 3.1.1 on page 11).

## 4.6 Inserting the ink cartridge

Upon delivery, there is no ink cartridge in the printer.

- ▶ Observe the following information:
  - Do not open the ink cartridge packaging until just before inserting the ink cartridge into the printer.
  - Do not disassemble and refill the ink cartridge.
  - Store unopened ink cartridges in a cool and dry place (recommended 4°C to 21°C).
  - Only store an ink cartridge that is in use with the protective cap fitted.
- ▶ Press the **Move printing unit to maintenance position** button on the touch panel. The printing unit then moves to a position where the ink cartridge can be inserted.
- ▶ Open the service flap.

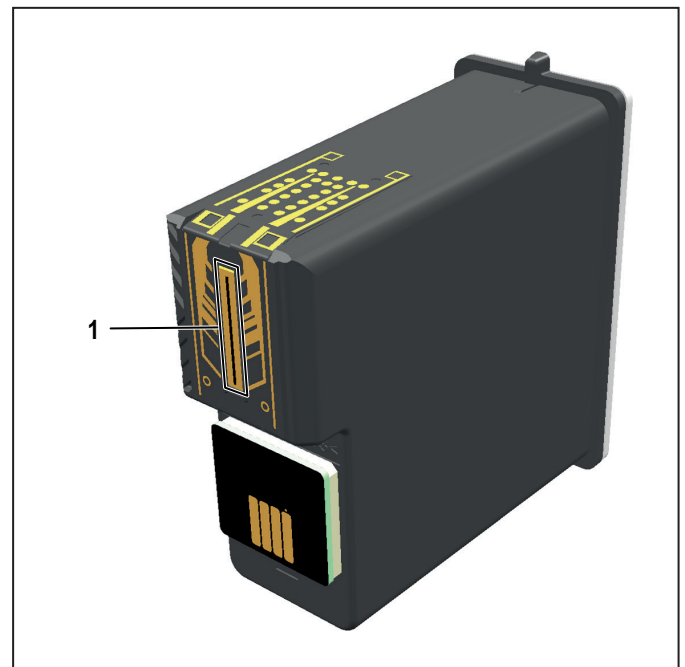


Figure 4.3 Ink cartridge - nozzle plate

Before inserting the ink cartridge, wipe the nozzle plate (1) with a cleaning cloth.

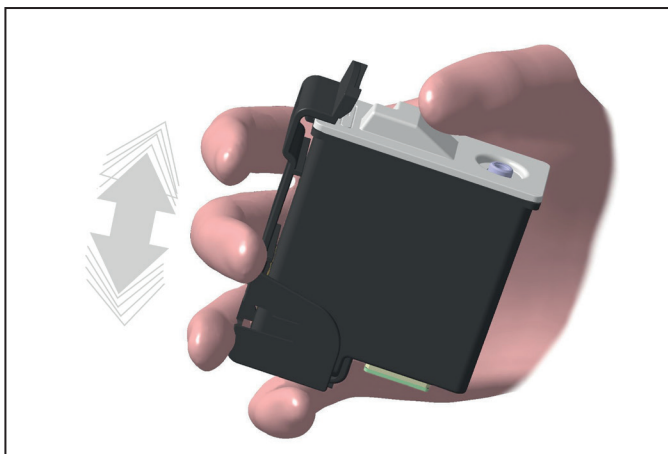


Figure 4.4 Shaking the ink cartridge

- ▶ Hold the ink cartridge firmly in your hand with the protective cap fitted and shake it several times.

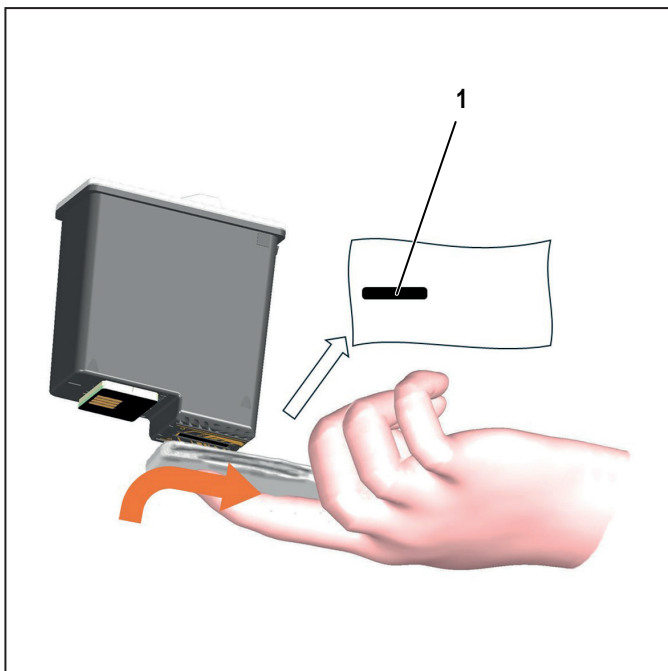


Figure 4.5 Wiping the nozzle plate

- ▶ Remove the protective cap from the ink cartridge.
- ▶ Carefully wipe the nozzle plate with a cleaning cloth until you see black ink (1) on the cleaning cloth.
- ▶ If you do not see any ink on the cleaning cloth, fit the protective cap onto the ink cartridge and shake it again.

Alternatively, you can have the printer shake the cartridge. To do so, proceed as follows:

- ▶ Insert the ink cartridge into the printer.
- ▶ Close the service flap.
- ▶ Press "Options > Service > Activate ink" on the touch panel.

The printer will now assume the shaking process for a few minutes.

- ▶ Then remove the ink cartridge from the printer.
- ▶ Carefully wipe the nozzle plate with a cleaning cloth until you see black ink (1) on the cleaning cloth.
- ▶ If you do not see any ink on the cleaning cloth, reinsert the ink cartridge into the printer and repeat the shaking process via the touch panel ("Options > Service > Activate ink").

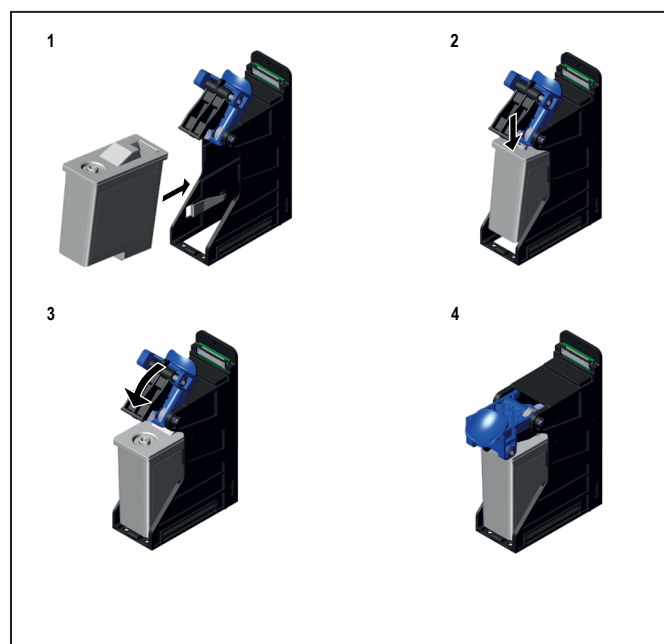


Figure 4.6 Inserting the ink cartridge

- ▶ Insert the ink cartridge into the holder at a slight angle (Figure 1).
- ▶ Gently press the ink cartridge downward (Figure 2).
- ▶ Figure 3: Swivel the blue lock downward (Figure 3). Figure 4 shows the ink cartridge installed and locked in the holder.

## 4.7 Language selection on the touch panel

When turning on the printer, the main menu **System status** is displayed on the touch panel. If an ink cartridge is also installed, the ink level is displayed, too.



Figure 4.7 Main menu System status

- ▶ Select the main menu **Options**.
- ▶ Tap the submenu **Language**.




Figure 4.8 Submenu Language

- ▶ Select the required language.  
The language is changed without restarting the control.

## 4.8 Installing the M-Print® PRO marking software

The marking system has been designed for operating systems Microsoft Windows® (32-bit version / 64-bit version).

 Have the installation carried out by skilled personnel. Administrator rights are required for this process. You can find information about the marking software in the M-Print® PRO user manual.

The M-Print® PRO software can be downloaded free of charge from the online shop (<https://eshop.weidmueller.com>).

The article page can be opened by entering the article name or article number 1905490000 in the search bar. Under the menu item "Software support", you will find a download link for the current version.

- ▶ Start the downloaded program.
- ▶ Select the required language.  
The installation process starts automatically and the setup wizard is displayed on the screen.

- ▶ Click **Next**.  
The terms of the license agreement are shown.

- ▶ Accept the terms of the license agreement and click **Next**.

- ▶ Select the type of installation:

Type of installation	Description
Typical	The M-Print® PRO marking software is installed with the most common features.
Custom	The M-Print® PRO marking software is installed; add-on modules can be selected/deselected.
Complete	The M-Print® PRO marking software and all add-on modules are installed automatically.
Network	The M-Print® PRO marking software is installed on a shared drive on the network and can be used by multiple users.

- ▶ Click **Typical** if, for example, you want to install the software with the most common features.

- ▶ Click **Install**.

The installation status is shown by the progress bar.

- ▶ When installation has been completed, click **Finish**.

### 4.8.1 M-Print® PRO - Configuring single-user installation

The single-user installation is used when control takes place from a PC. The M-Print® PRO marking software is installed on the PC.



Have single-user installation and configuration carried out by skilled personnel. You can find information on the configuration in the user manual for the M-Print® PRO software and in the document `printersetup.pdf`.

### 4.8.2 M-Print® PRO - Configuring network installation

Network installation is used when several users are to work with the M-Print® PRO marking software in one network. Instead of installing M-Print® PRO on each of their computers, here it is only necessary to install the software centrally on a server or central PC. The client PCs access M-Print® PRO via shared network paths.



Have network installation and configuration carried out by skilled personnel. Administrator rights are required for this process. You can find information about the configuration in the document `printersetup.pdf`.

## 4.9 Setting up and adjusting a MultiCard for the printer

To set the correct print position for a MultiCard and to compensate for physical changes to it, you must make some settings via the M-Print® PRO marking software. You can find detailed information in the user manual for the M-Print® PRO marking software.

# 5 Operation

## 5.1 Information about operation

### CAUTION

#### Warning of crush hazard!

- ▶ Do not operate the printer without its enclosure and do not reach through its openings while it is running.

### CAUTION

#### Warning of automatic start-up!

- ▶ The printer can start up at any time without warning when a print job is sent over the network.

### ATTENTION

#### Damage to property!

Using out-of-date ink will result in poorer print quality or durability.

- ▶ Observe the following information:
  - The openings in the printer enclosure must not be blocked or covered.
  - Do not insert any objects into openings.
  - Make sure that no liquid gets into the printer.

### 5.1.1 Longer downtimes

If the printer is turned off and de-energized or is not used, this can lead to clogging of the ink nozzles after a certain amount of time if they have not been removed from the printer beforehand.

- ▶ Remove the ink cartridge and fit the protective cap (as described below) if you plan to leave the printer unused for longer downtimes. We recommend doing this after downtimes of approx. 6 hours.  
The protective cap ensures that the ink nozzle does not dry out.

### Removing the ink cartridge

- ▶ Press the **Move printing unit to maintenance position** button on the touch panel. The printing unit then moves to a position where the ink cartridge can be removed.
- ▶ Open the service flap.

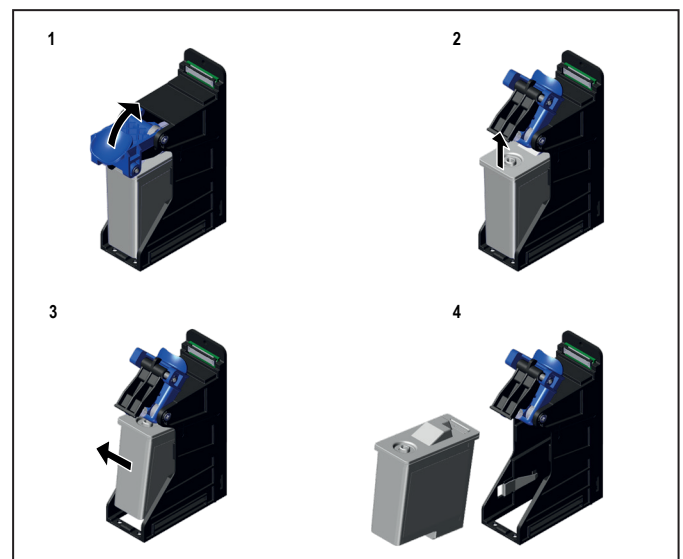


Figure 5.1 Removing the ink cartridge

- ▶ Figure 1: Swivel the blue lock upward.
- ▶ Figure 2: Lift the ink cartridge slightly upward.
- ▶ Figure 3: Tilt the ink cartridge slightly and remove it from the holder.

Figure 4 shows the ink cartridge removed from the holder.

### Fitting the protective cap

### ATTENTION

#### Damage to property!

If the ink cartridge is removed from its holder and stored uncovered, the ink may dry out.

- ▶ If the ink cartridge is stored for a long period of time, fit the protective cap as described below.
- ▶ Do not store the ink cartridge with the protective cap fitted when the nozzle plate is facing downward.

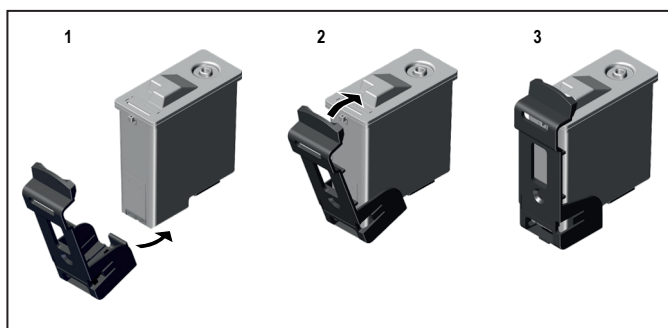


Figure 5.2 Fitting the protective cap

- ▶ Figure 1: Position the protective cap at a slight angle below the nozzle plate.
  - ▶ Figure 2: Press on the protective cap until the tab snaps into place at the notch on the top.
- Figure 3 shows the fitted protective cap.

#### Removing the protective cap

Before inserting the ink cartridge into the holder, the protective cap must be removed.

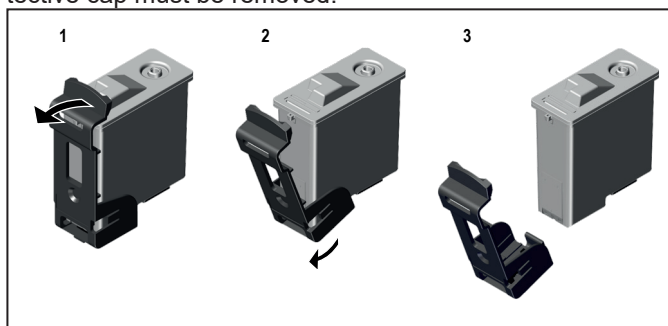


Figure 5.3 Removing the protective cap

- ▶ Figure 1: Gently pull the protective cap on the tab backward to remove it from the notch.
  - ▶ Figure 2: Remove the protective cap at a slight angle.
- Figure 3 shows the removed protective cap.

### 5.1.2 Shelf life of the ink

The shelf life of the ink influences print quality, as drying out, aging, and changes to the ink can lead to the ink clogging the print nozzles, cause uneven color application, or pigment degradation, which in turn results in poor printouts, e.g., faded colors and streaks and even reduced durability.

- ▶ Remove the ink cartridge when it is empty or out of date.
- ▶ Do not use out-of-date ink. If the use-by date of the ink is almost reached, a message is displayed on the touch panel. In this case, replace the ink cartridge.
- ▶ Only use products that have been produced or approved by Weidmüller (M-Print® PRO, MultiCards, and ink cartridge). Otherwise, no liability can be assumed for the print quality and durability.



Printer faults and damage caused by the use of unapproved and unsuitable accessories and consumables are excluded from the warranty.

### 5.2 Inserting the MultiCard

The MultiCard can be inserted directly without any pretreatment.

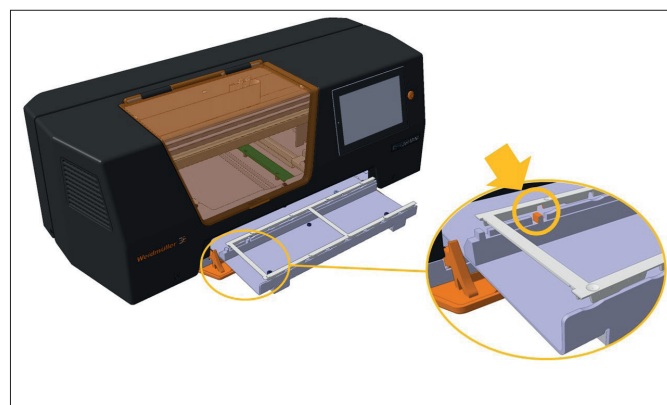


Figure 5.4 Inserting the MultiCard

- ▶ Place the MultiCard with the closed strip facing the left in the insertion drawer until the groove (bulge) of the MultiCard fits into the nose on the rail of the insertion drawer (see arrow).

### 5.3 Software settings

The M-Print® PRO marking software is used to assign and calibrate the printer.



To determine the settings a MultiCard must be printed. The MultiCard is not cured in this process. The printed MultiCard can be cleaned with cold water and used again.

You can find further information about the settings in the user manual for the M-Print® PRO marking software.

### 5.4 Printing a MultiCard

- ▶ Start the M-Print® PRO marking software.
- ▶ Select the required MultiCard.
- ▶ Enter the text or insert an image or barcode that you want to print.
- ▶ Start printing via M-Print® PRO and continue as described in chapter 5.2 on page 25.

You can also save the print job in M-Print® PRO on a USB stick and link it to the printer's USB port. The print job is then selected and started on the touch panel (see Operation on the touch panel in the submenu **USB stick print jobs**).



You can find further information about printing in the user manual for the M-Print® PRO marking software.

#### 5.4.1 Curing settings

The curing settings for the MultiCard are set automatically. You can adjust the curing settings in the M-Print® PRO marking software. After printing, check each MultiCard for resistance to smudging and scratching.



You can find further information about adjusting the curing settings in the user manual for the M-Print® PRO marking software.

### 5.5 Operation on the touch panel

The touch panel has a 5" color display with symbols, graphics, web and QR codes, controls, and widgets.

The touch panel enables advanced printer control and print job monitoring with information on printer settings and print jobs.

The following settings are made on the touch panel:

- Setting the desired language for the touch panel
- Viewing, printing, and deleting print jobs
- Receiving information about the printer, e.g. ink level of the ink cartridge

#### 5.5.1 System status

- ▶ Press **System status** in the lower menu bar to open the main menu of the same name.

The main menu **System status** displays the current status of the printer: Readiness and ink level of the ink cartridge.



Figure 5.5 Main menu System status

#### 5.5.2 Jobs

- ▶ Press **Jobs** in the lower menu bar to open the main menu of the same name.

The submenu **Jobs** displays the print jobs that were sent to the printer in M-Print® PRO.



Figure 5.6 Main menu Jobs

- ▶ Press the **Previous print job** or **Next print job** button to select a print job.

The currently selected print job is displayed in the print preview.

- ▶ Press the **Start print job** button to start the currently selected print job.

The insertion drawer then opens automatically. A dialog box appears on the touch panel requesting the appropriate MultiCard.

- ▶ Place the appropriate MultiCard for the print job in the retainer.
- ▶ Confirm on the touch panel that you have inserted the correct MultiCard.

The insertion drawer closes and printing starts.

### USB stick print jobs

In the submenu **USB stick print jobs**, print jobs that were previously exported to a USB stick in M-Print® PRO can be imported. The USB stick is connected to the printer. The print jobs are listed and can be executed.

- ▶ Export the print jobs in M-Print® PRO to a USB stick.



You can find further information about exporting print jobs in the user manual for the M-Print® PRO marking software.

- ▶ Connect the USB stick to the printer. The print jobs stored on the USB stick are loaded.
- ▶ Open the main menu **Jobs**.
- ▶ Press **USB stick print jobs**. A dialog box for selecting print jobs then opens.
- ▶ Select a print job and confirm your selection.

## 5.5.3 Settings

- ▶ Press **Settings** in the lower menu bar to open the main menu of the same name.



Have the installation carried out by skilled personnel. Administrator rights are required for this process.

In the submenu **Settings**, communication with the network is established via a LAN cable.

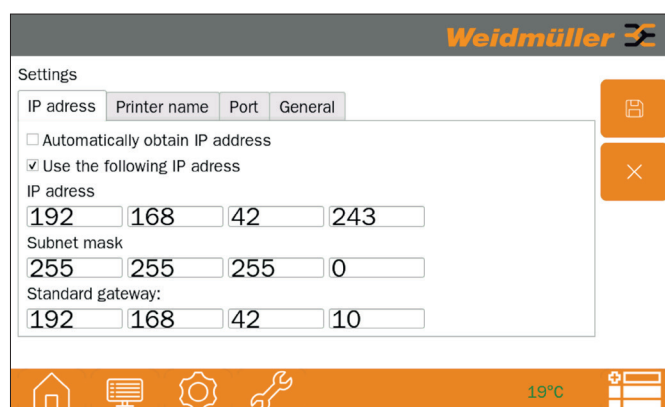


Figure 5.7 Submenu Settings - IP address tab

### IP address

You can either activate dynamic address assignment (DHCP) **Automatically obtain IP address** or static address assignment **Use the following IP address**.

Dynamic address assignment (DHCP):

- The DHCP server must be accessible in the network.
- The IP address and subnet mask are automatically obtained from the DHCP server.
- In the case of dynamic IP address assignment, the printer may have a different IP address when it is restarted.

Static address assignment:

- The entered IP address and subnet mask are static values that do not change for the printer.
- The data for the IP address and subnet mask must be entered manually.

- ▶ Select the type of IP address assignment.

### Printer name

The preset printer name is always the serial number. You can assign a different name to the printer, e.g., to be able to identify it better.

- ▶ To do so, enter a new name via the virtual keyboard and confirm your entry.

**Port**

The preset port is "8181". You can change the port depending on the network protocol.

- ▶ To do so, enter the port via the virtual keyboard and confirm your entry.
- ▶ Tap **Save** to save the settings.

**General**

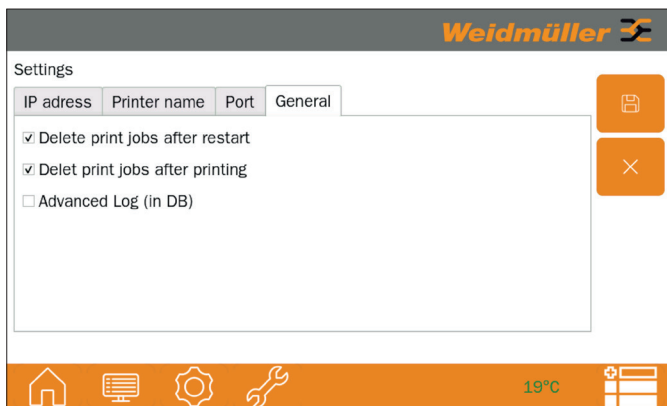


Figure 5.8 Submenu Settings - General tab

- ▶ Activate the function **Delete print jobs after restart** if print jobs are to be deleted after restarting the printer.
- ▶ Activate the function **Delete print jobs after printing** if the print job is to be deleted after printing.
- ▶ Activate the function **Advanced log (in DB)** if additional information is to be recorded in the database of the printer (e.g., for device or error analysis by the manufacturer).
- ▶

**5.5.4 Language**

In the submenu **Language**, you can set the language of the user interface.



Figure 5.9 Submenu Language

- ▶ Select the required language. The language is changed without restarting the control.

**5.5.5 Service**

The following functions are possible in the submenu **Service**:

**Nozzle check, Access, Activate ink and Update.**



Figure 5.10 Submenu Service

**Nozzle check**

A nozzle check can be carried out in this submenu. The nozzle check is used to check correct functionality of the nozzles. Press the **Nozzle check** button to open a dialog box with a selection of nozzle checks that can be carried out.

- ▶ Select the nozzle check in the dialog box and confirm your selection.

The insertion drawer then opens. A new dialog box opens on the touch panel. The MultiCard required for the nozzle check is requested in the dialog box. Three MultiCard variants are available for the nozzle check: CC 30/60, DEK 5/5, and SFX 11/60.

- ▶ Obtain one of the available MultiCard variants to carry out a nozzle check.
- ▶ Place the appropriate MultiCard in the insertion drawer.
- ▶ Confirm the request once you have inserted the correct MultiCard.

The nozzle check starts and then the insertion drawer with the printed MultiCard opens automatically.

### Access

In this submenu, Weidmüller Service can access printer functions and parameter data.

Press the **Access** button to open a dialog box with information for the service staff:

- Serial number
- ID1
- ID2

The customer receives a password to authenticate the printer.

- ▶ Contact Weidmüller Service to receive the password:

Web link:

[https://www.weidmuller.com/int/company/our\\_company/locations/index.jsp](https://www.weidmuller.com/int/company/our_company/locations/index.jsp)

QR code:



- ▶ Provide the information displayed on the touch panel (serial number, ID1, ID2) to Weidmüller Service. Weidmüller Service will then provide you with a password.
- ▶ Use the virtual keyboard to enter the password.

### Activate ink

- ▶ Press the Activate ink button to shake the ink cartridge.

After pressing the button, the ink cartridge inserted in the printing unit is shaken for a few minutes.

The current progress of the process is displayed in a dialog box in %.

Once the process has been completed, it is possible to remove the ink cartridge from the printer and to wipe the

nozzle plate to see whether there is a corresponding black mark on the cloth.

### Update

In this submenu, a firmware update can be carried out (see chapter 6.6.2 on page 34).

## 5.5.6 System information

The submenu **System information** provides information on printer parameters and characteristics.



Figure 5.11 Submenu System information - General tab

The Ink tab provides information about the ink level of the ink cartridge and of the ink collector.

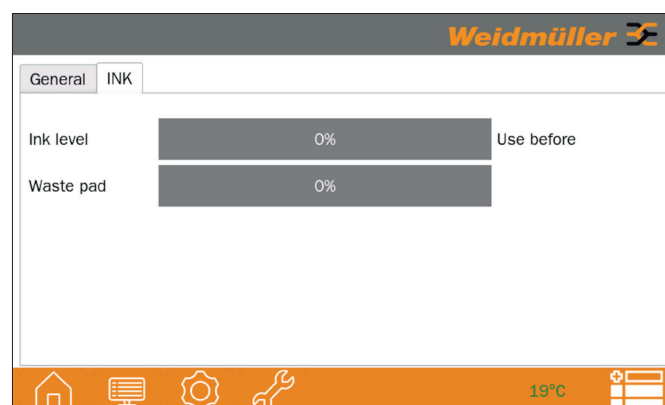


Figure 5.12 Submenu System information - Ink tab

# 6 Cleaning and maintenance

## 6.1 Safety information

**DANGER**

**Danger of death due to electric shock!**

- ▶ Never remove the enclosure from the device when carrying out any maintenance and cleaning work.

**ATTENTION**

**Damage to property!**

- Damage to the printer due to harsh cleaning agents!
- ▶ Do not use abrasives or solvents to clean the exterior surfaces and touch panel.

## 6.2 Cleaning the ink cartridge

**CAUTION**

**Health hazard due to ink!**

- ▶ After skin contact with ink, clean the affected areas thoroughly with soap and water.
- ▶ If ink has entered the eyes, immediately rinse your eyes thoroughly with plenty of water.

Hardened ink residue can be removed through manual cleaning.



A cleaning cloth is included for cleaning the ink cartridge. Alternatively, cloths soaked in solutions containing isopropanol can also be used (e.g., lens cleaning cloths).

- ▶ Press the **Move printing unit to maintenance position** button on the touch panel. The printing unit then moves to a position where the ink cartridge can be removed.
- ▶ Open the service flap.

### Removing the ink cartridge

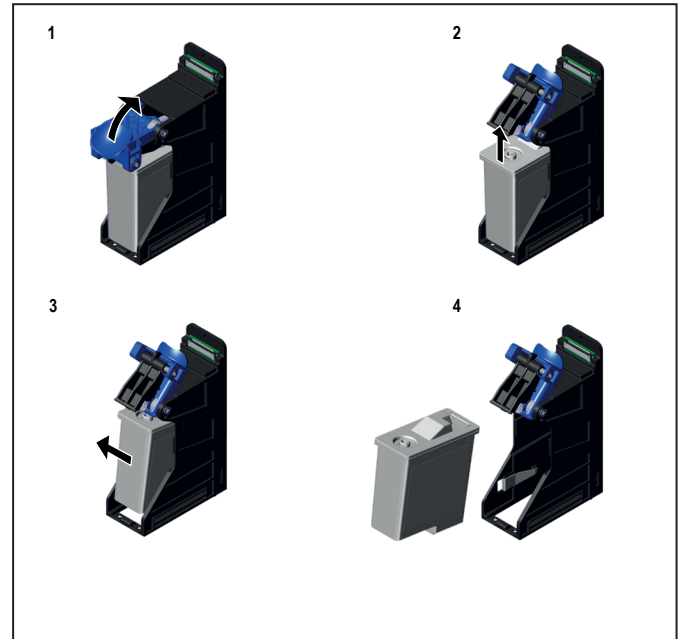


Figure 6.1 Removing the ink cartridge

The ink cartridge is removed in several steps:

- ▶ Step 1: Swivel the blue lock upward.
- ▶ Step 2: Lift the ink cartridge slightly upward.
- ▶ Step 3: Tilt the ink cartridge slightly.
- ▶ Step 4: Then remove the ink cartridge from the printing unit.

### Cleaning the ink cartridge

- ▶ Press a cleaning cloth firmly against the nozzle plate of the ink cartridge.
- ▶ Shake the ink cartridge with the nozzle plate facing downward several times until you notice discoloration of the cleaning cloth.
- ▶ Wipe the nozzle plate with the cleaning cloth.

### Inserting the ink cartridge

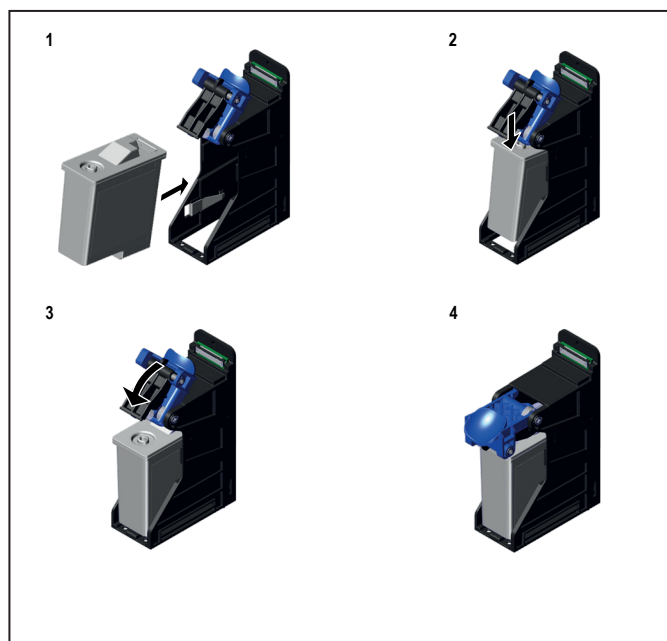


Figure 6.2 Inserting the ink cartridge

- ▶ Figure 1: Insert the ink cartridge into the holder at a slight angle.
  - ▶ Figure 2: Gently press the ink cartridge downward.
  - ▶ Figure 3: Swivel the blue lock downward.
- Figure 4 shows the cartridge installed in the printing unit.

The ink cartridge has now been cleaned properly and inserted into the printing unit.

### 6.3 Replacing the ink cartridge

#### CAUTION

##### Health hazard due to ink!

- ▶ After skin contact with ink, clean the affected areas thoroughly with soap and water.
- ▶ If ink has entered the eyes, immediately rinse your eyes thoroughly with plenty of water.

- ▶ If you have swallowed ink, immediately rinse out your mouth, drink plenty of water, do not induce vomiting.
- ▶ Keep the ink cartridge out of reach of children.

#### ATTENTION

##### Damage to property!

Using out-of-date ink will result in poorer print quality and durability.



Do not replace the ink cartridge until all current print jobs have been completed.

- ▶ Replace the ink cartridge when it is empty or its expiry date has been reached.

In both cases, a message is displayed on the touch panel. The use-by date is printed on the packaging and on the label.

- ▶ Observe the following information:
  - Do not touch the nozzle plate of the ink cartridge under any circumstances.
  - Do not disassemble and refill the ink cartridge.
  - Store unopened ink cartridges in a cool and dry place (recommended 4°C to 21°C).
- ▶ Press the **Move printing unit to maintenance position** button on the touch panel. The printing unit then moves to a position where the ink cartridge can be removed.
- ▶ Open the service flap.

### Removing the ink cartridge

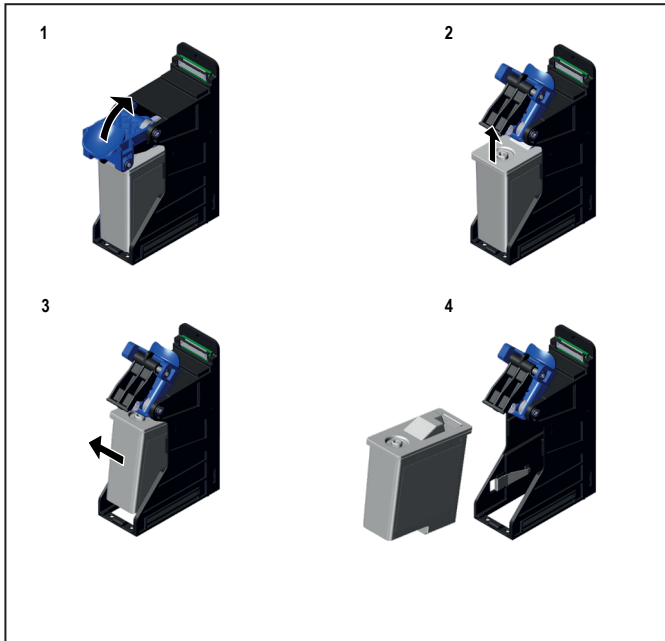


Figure 6.3 Removing the ink cartridge

The ink cartridge is removed in several steps:

- ▶ Step 1: Swivel the blue lock upward.
- ▶ Step 2: Lift the ink cartridge slightly upward.
- ▶ Step 3: Tilt the ink cartridge slightly.
- ▶ Step 4: Then remove the ink cartridge from the printing unit.

- ▶ Pack the ink cartridge in its original packaging, ensuring that no ink residue can leak.



You can send the ink cartridge to your Weidmüller sales agent or take it to a local recycling center.

- ▶ Remove the ink cartridge from the packaging.

### Inserting the ink cartridge

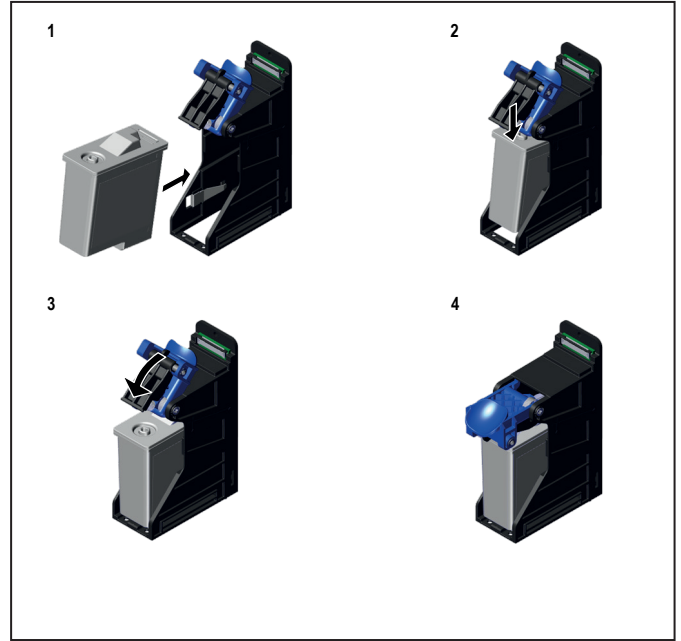


Figure 6.4 Inserting the ink cartridge

- ▶ Figure 1: Insert the ink cartridge into the holder at a slight angle.
  - ▶ Figure 2: Gently press the ink cartridge downward.
  - ▶ Figure 3: Swivel the blue lock downward.
- Figure 4 shows the cartridge installed in the printing unit.

The ink cartridge has now been inserted properly into the printing unit.

## 6.4 Replacing the ink collector



Do not replace the ink collector until the current print job has been completed and a message requesting replacement appears on the touch panel.

- ▶ Above a fill level of 80%: Order a new ink collector.
- ▶ At a fill level of 100%: Replace the ink collector.



When you open the service flap, the printer stops.

### Removing the ink collector

- ▶ Press the **Move printing unit to maintenance position** button on the touch panel. The printing unit then moves to a position where the ink collector can be accessed.
- ▶ Open the service flap.

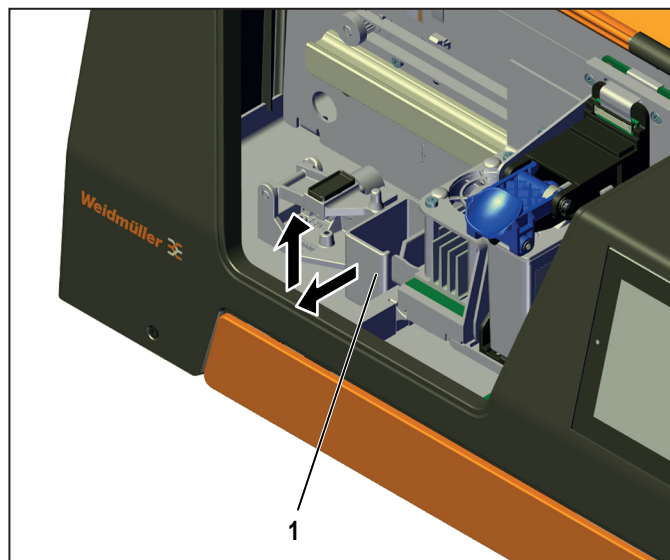


Figure 6.5 Removing the ink collector

- ▶ Remove the ink collector (1) from the retainer in the direction of the arrow.

### Inserting the ink collector

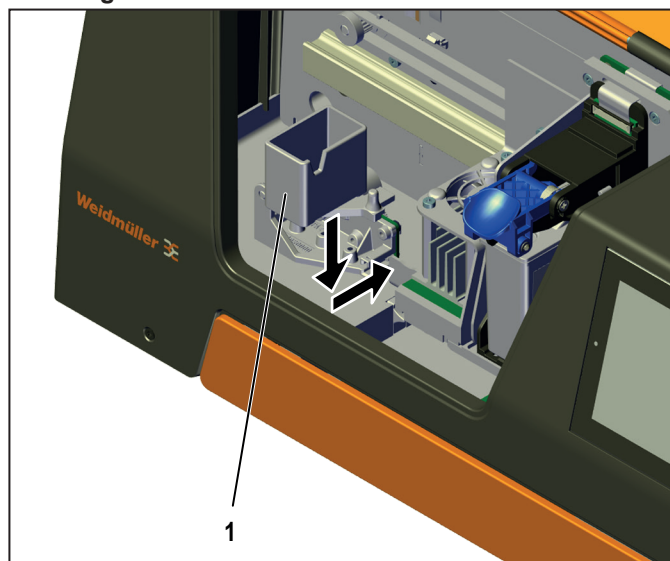


Figure 6.6 Inserting the ink collector

- ▶ Insert the new ink collector (1) in the direction of the arrow.

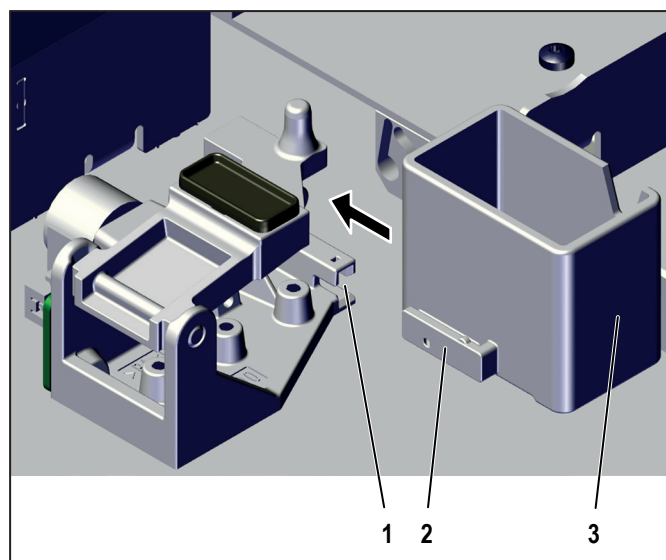


Figure 6.7 Inserting the ink collector - detailed view

- ▶ When inserting the ink collector (3), make sure it is aligned correctly. The spring (2) must be pushed precisely into the groove (1).

## 6.5 Cleaning the printer enclosure / touch panel

### ATTENTION

#### Damage to property!

The use of volatile cleaning agents can lead to color changes and cracks in the printer enclosure.

- ▶ Do not use volatile chemicals such as benzene or thinner.

- ▶ Clean the printer enclosure regularly with a soft, dry or slightly moistened cloth.
- ▶ In case of heavy soiling, initially wipe the printer enclosure with a cloth moistened with a neutral cleaning agent, then with a slightly moistened cloth, and finally with a dry cloth.
- ▶ Clean the touch panel regularly with a cleaning agent suitable for touch screens and a soft, lint-free cloth.

## 6.6 Updating the printer software (firmware)



Have the printer firmware updated by skilled personnel. You can find information about the marking software (operation and update) in the user manual for M-Print® PRO.

### 6.6.1 Updating with M-Print® PRO

#### Updating from the local directory



During the update process of M-Print® PRO, current update files for all supported printer models are saved in the corresponding directories.

Example for printer module **PrintJet MINI**: Save the update file `Update.bin` in the directory `PrintJetMINI_UPDATE_V#_#_#_BIN`. (The character string "V#\_#\_#" in the file name describes the current version number, e.g., "V1\_2\_1")

Before the update process, make sure that the printer has been added to M-Print® PRO and the printer has been started.

- ▶ Start M-Print® PRO.
- ▶ In the menu **Tools > Options > PrintJet MINI**, select the entry **Administration**.
- ▶ Next to the entry **Select Printer:**, select the printer (name or IP address of the printer).
- ▶ Next to the entry **Update File:**, navigate to the preset directory of the update file.
- ▶ Open the update file `Update.bin`.
- ▶ Click **Start printer update**.
- ▶ Follow the further instructions of M-Print® PRO.

Once the update has been completed, a message appears on the touch panel of the printer.

- ▶ Confirm the message with **OK**.

#### Updating from the update server



Administrator rights are required for updating from the update server.

- ▶ Start M-Print® PRO.
- ▶ In the menu **Help**, select the entry **Check for updates...**
- ▶ Confirm the following safety prompt with **Yes**.

The search for updates on the update server is started.

- ▶ Mark the component you wish to update.
- ▶ Tap **Perform update...**
- ▶ Follow the instructions on the screen.

### 6.6.2 Updating with USB stick

The update process can be carried out on the touch panel of the printer. To do so, a USB stick with the update file `Update.bin` is required.

- ▶ Download the file from the website <https://eshop.weidmueller.com>.
- ▶ Enter the article number 3049980000 in the search bar. Under the menu item "Software support", you will find a download link for current updates.



Ensure that the update file is saved in the root directory of the USB stick. The file must not be in a submenu.

- ▶ Extract the .zip file onto a USB stick in the root directory.
- ▶ Connect the USB stick containing the update file to the USB port on the rear of the printer.
- ▶ Open the submenu **Service** on the touch panel.
- ▶ Press the **Update** button.

The available update files are then displayed in a dialog box.

- ▶ Select the update file and confirm your selection.

The update process starts. The printer restarts after successful completion of the update.

# 7 Troubleshooting

## 7.1 General information

The following measures are helpful to avoid faults:

- Ensure that the printer is installed on a flat even surface.
- Ensure that the printer is not exposed to vibrations.
- Ensure that the MultiCard is aligned correctly.
- Only use original Weidmüller ink cartridges.
- Never remove the printer enclosure.

### Messages on the touch panel

A fault at the printer or necessary operator intervention is indicated by a message on the touch panel.



Figure 7.1 Error message (example)

- ▶ Press the **Confirm** button to confirm the current error message and to close the dialog box.
- ▶ Press the **Message history** button to receive an overview of the current and most recent error messages.

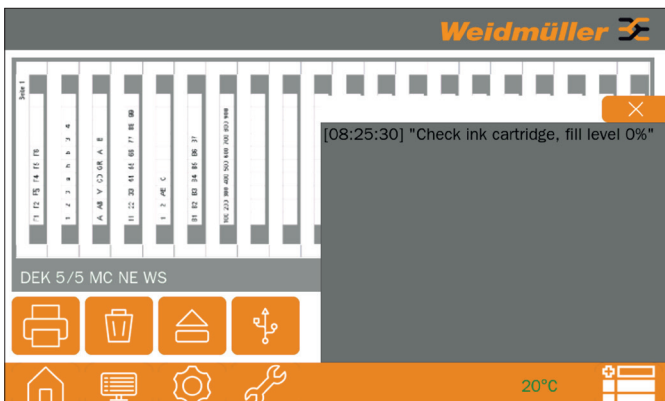


Figure 7.2 Message history (example)

- ▶ Press the **Discard** button to close the dialog box.

## 7.2 Trouble list

Fault/Code	Reason	Measure
The printer cannot be connected via USB cable.	The USB cable is defective.	Replace the defective USB cable with an intact USB cable.
	An incorrect USB port was selected.	For the USB connection between the printer and the PC, select the USB-B connector printer/PC on the rear (see chapter 3.1.2 on page 13).
The printer cannot be connected via Ethernet.	The network cable is defective.	Replace the defective network cable with an intact network cable.
	The IP address of the printer is incorrect.	Check if the IP address of the printer was obtained correctly. In this case, reassign the IP address of the printer (see chapter 5.5.3 on page 27).
	The printer and the PC on which M-Print® PRO is installed are not in the same network.	Ensure that the printer and the PC are in the same network. Contact your administrator for this purpose.
The print image is poor.	The nozzle opening of the ink cartridge is clogged.	Execute a nozzle check (see chapter 5.5.5 on page 28). If necessary, execute manual cleaning (see 6.2 on page 30).
	The printer temperature is above 30°C.	Place the printer in a cooler location. First wipe the nozzle plate of the ink cartridge clean.
The ink has not cured sufficiently and can smear.	The curing performance is too weak.	Increase the curing performance (time, intensity) in the M-Print® PRO marking software (see M-Print® PRO user manual).
	The supply voltage is too low.	Ensure that the value for the voltage supply is at least 210 V.
The printed markers display bubbles after printing.	The curing performance is too strong.	Reduce the curing performance (time, intensity) in the M-Print® PRO marking software (see M-Print® PRO user manual).
	The supply voltage is too high.	Ensure that the value for the voltage supply is max. 240 V.
The print is not centered on each marker.	There is a dimensional tolerance deviation in the MultiCard. This may be due to differences in humidity.	Measure the actual dimensions of the MultiCard and correct the values in the M-Print® PRO software under the menu item "File/Adjust marker type".

## 8 Decommissioning the printer

### 8.1 Turning off the printer

#### 8.1.1 Removing the MultiCard

The steps for removing the MultiCard are only necessary if a MultiCard is in the printer.

- ▶ Press the **Open/close insertion drawer** button on the touch panel to open the insertion drawer.
- ▶ Remove the MultiCard from the insertion drawer.
- ▶ Press the **Open/close insertion drawer** button on the touch panel to close the insertion drawer.

#### 8.1.2 Removing the ink cartridge

- ▶ Press the **Move printing unit to maintenance position** button on the touch panel. The printing unit then moves to a position where the ink cartridge can be removed.
- ▶ Open the service flap.
- ▶ Remove the ink cartridge from the holder (see chapter 5.1.1 on page 24).
- ▶ Fit the protective cap on the ink cartridge (see chapter 5.1.1 on page 24).
- ▶ Close the service flap.
- ▶ Press the **System status** button on the touch panel. The ink cartridge holder then moves to the home position.
- ▶ Turn off the printer by pressing the On/Off button.
- ▶ Disconnect all cables from the printer.
- ▶ Secure the service flap with adhesive tape.

### 8.2 Packing and transporting the printer

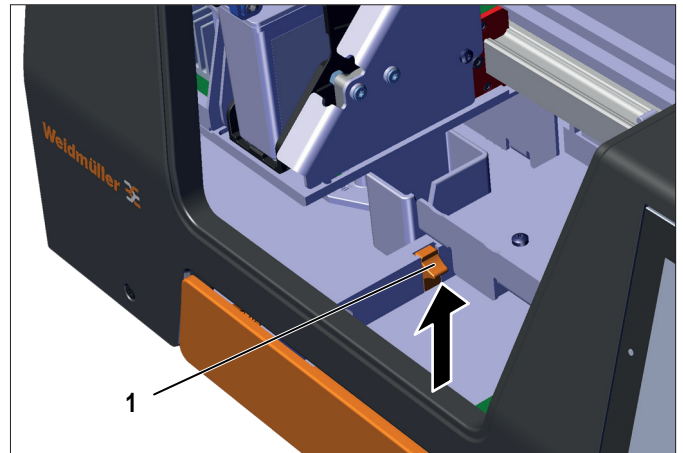


Figure 8.1 Pressing the transport restraint upward

- ▶ Pull the transport restraint (1) upward so that it protrudes slightly.
- ▶ Only use the original packaging when transporting the printer.
- ▶ If you no longer have the original packaging, request a packaging set from Weidmüller Interface GmbH & Co. KG.

### 8.3 Disposing of the printer

- ▶ Send the printer to your Weidmüller sales agent. Weidmüller will then recycle and dispose of your printer properly in accordance with current laws and regulations. Weidmüller assumes the costs incurred.
- ▶ Alternatively: Dispose of the printer at a local recycling center for old electronic devices.

## 9 Annex

### 9.1 Technical data

Technical data							
Print material	Weidmüller MultiCards						
Technology	Ink-jet printing with UV light curing						
Print resolution	600 dpi						
Marking software	M-Print® PRO						
System requirements	Microsoft Windows® 10 or 11						
Feed	MultiCard is inserted manually						
Print speed	Approx. 1.5 minutes per MultiCard						
Interfaces	USB 2.0 and network 10 Base-T / 100 Base-TX						
Voltage supply	100-240 VAC, 50/60 Hz, 72 W						
Operating location	Office conditions						
Ambient temperature	18°C – 30°C 65°F – 86°F						
Relative air humidity	10% - 80%						
Dimensions (L x W x H)	<table border="1"> <tr> <td>Depth:</td> <td>540 mm</td> </tr> <tr> <td>Width:</td> <td>330 mm</td> </tr> <tr> <td>Height:</td> <td>190 mm</td> </tr> </table>	Depth:	540 mm	Width:	330 mm	Height:	190 mm
Depth:	540 mm						
Width:	330 mm						
Height:	190 mm						
Weight	8.5 kg (18.74 lbs) with packaging						
Ink system	Ink cartridge (black)						

## 9.2 Ordering data

Product / Spare part	Designation and order no.
Ink-jet printer	Print <b>Jet MINI</b> 3049980000
Ink cartridge	PJM INK K 3062650000
Ink collector	PJM Waste PAD 3062640000
User manual	<p>The user manual can be downloaded from the Internet:  <a href="https://eshop.weidmueller.com">https://eshop.weidmueller.com</a></p> <p>To do so, enter the article number 3049980000 in the search bar of the online shop. Under the menu item "Software support", you will find download links to current documents and product downloads.</p>

## 9.3 Declaration of Conformity

The PrintJet MINI complies with the relevant basic health and safety requirements of EU directives:

2014/35/EU Low Voltage Directive  
 2014/30/EU EMC Directive  
 2011/65/EU RoHS

The Declaration of Conformity can be found in the online shop at <https://eshop.weidmueller.com>

To do so, enter the article number 3049980000 in the search bar of the online shop. Under the menu item "Software support", you will find download links to current documents and product downloads.